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CEREAL INVESTIGATIONS
JUL 13
RECEIVED

BUREAU OF PLANT INDUSTRY,
OFFICE OF DRY LAND AGRICULTURE. July 8, 1913.

REPORT FOR WEEK ENDING JUNE 28, 1913.

AKRON:

Small grain is in about as good condition as last week, and some of the winter wheat on summer fallow is filling. Corn and sorghums have made a rapid growth. Precipitation for week .51 in., maximum temperature 97, minimum 53.

AMARILLO:

High winds with high temperatures have prevailed during the past five days and this is likely to cut down the grain yields unless rain follows within a few days. Oats are ripening rapidly and should be ready to harvest within ten days or less. Wheat is in the soft dough stage. Corn, milo, and kafir are making rapid growth, but there is a decided difference in the height of corn on fallow land and on other plats. On fallow land it is only about one-half as high as on other methods of cultivation. Listed corn is very uneven in height due to uneven germination. Maximum temperature for week, 96, minimum 57, no precipitation.

ARDMORE:

A rainfall of .68 in. on the 23rd brought relief to the crops but came too late to be of any material benefit to oats and wheat. It is not expected that these two crops will be worth harvesting, except the plats which were summer-tilled last summer. Corn is better than at this time last year, no doubt due to the warm weather. Maximum temperature for week 96, minimum 56, precipitation 1.02 in.

BELLEFOURCHE:

A rain of 1.02 in. on the night of the 28th brought relief to the crops and most of the plats seem to be recovering though many of them will not produce a full crop. Grain following grain suffered most, grain following corn and after green manure was just beginning to suffer, while grain after fallow was in excellent condition. Corn is growing rapidly. Maximum temperature for week 98, minimum 49, precipitation 1.20 in.

DALHART:

With no rainfall since the 20th all crops are suffering. Some crops in the neighborhood are reported destroyed by grasshoppers. Maximum temperature for week 97, minimum 59, no precipitation.

DICKINSON:

Crop growth for the past week has been rapid. Wheat and oats are in the first head and barley in the boot. Alfalfa, red clover and brome were cut for hay on the 30th. Maximum temperature for week 97, minimum 48, precipitation .54 in.

EDGELEY:

Favorable growing weather prevailed during the week with the exception of two days of hot winds. Oats are beginning to head. Corn has been growing very fast. Maximum temperature for week 97, minimum 56, precipitation .56 in. (two showers)

GARDEN CITY:

Three days of hot winds have matured the small grains very rapidly. Corn is about fifteen inches tall and beginning to grow rapidly. Maximum temperature for week 104, minimum 57, precipitation T.

HAYS:

Corn has been wilting the past two days on account of hot winds, but like kafir, milo, and cane, is still making rapid growth. Oats, spring wheat, and barley are suffering, except on fallowed plats. Grasshoppers are doing considerable damage. Winter wheat was either mature or dried up and was harvested on all but the fallow plats the 27th. Maximum temperature for week 103, minimum 69, precipitation .14 in.

HETTINGER:

All crops are making excellent growth. Oats are headed and wheat commenced. Corn growing rapidly but not started to shoot. Maximum temperature for week 100, minimum 44, precipitation 1.93 in.

HUNTLEY:

Cloudy weather and frequent showers during past week have caused the grains to fill well. Fallow plats were plowed and peas turned under, minimum growth of peas 15 in. Maximum temperature for week 88, minimum 52, precipitation .85.

JUDITH BASIN:

Stormy weather has stopped field work although some of the plats need cultivating badly. Still storming. Precipitation for the month to date, 4.45 in.

MANDAN:

Material received as follows: One car cement, one car finishing lumber. Barn and machine shed: Complete except for a small amount of interior finishing work to be done. Bunk House: The roof is completed. Siding is under way. The concrete floor was laid in the basement. Mess House: Brick work is about halfways up the second story. Office: Brick work on the first story is completed and the second floor joists are laid. The concrete floor of the front porch was laid. Superintendent's Residence: The concrete foundations for the front porch and the sleeping porch were put in. No work done on the other buildings. The instrument yard is being put up. The size is 24x30 ft. The tank will be located in the center and the other instruments grouped around it. The inclosure will have a surfacing of gravel four inches deep. The fence will be constructed of 48 inch woven wire and posts set in concrete to eliminate braces. The posts will then be painted a dark green. The installation of the wagon scale was commenced today. Breaking is being continued with three breaking plows. Precipitation for the week about .3 inches which fell June 26. Work in the fields consisted of hoeing weeding and cultivation. Prof. Sheppard of Fargo paid the station a short visit on the 26th.

NORTH PLATTE:

Hot winds and grasshoppers have done considerable damage during the past week. Winter grains are ripening rapidly and the binder will be started next week. Maximum temperature for week 101, minimum 61, precipitation, none.

SCOTTSBLUFF:

Most of the winter wheat stands three feet high while spring wheat on fallow is somewhat better with no signs of suffering so far. Listed and subsoiled small grain plats are in the poorest condition of any of the rotations. Peas were plowed under at a height of 18 in. The highest and lowest hay yields on brome plats were 1500 and 250 pounds. Maximum temperature for week 95, minimum 53, precipitation .23 in.

TUCUMCARI:

Wheat and oats are stooling rapidly but so short that little crop will be produced. All crops with the exception of small grains are looking promising. Maximum temperature for week 96, minimum 58, precipitation .01 in.

WILLISTON:

The drought has been broken by a good rain. Some of the wheat plats were too far gone and only about a half crop can be expected. Fallow and some of the disc corn plats are looking well and should mature without much more rain. A Farmers' Picnic will be held about the middle of July - all are invited. Maximum temperature for week 95, minimum 46, precipitation 1.55 in.

GENERAL NOTES:

The men in charge of work at each stations are requested to get their vouchers in for the past fiscal year as soon as possible so we can commence on the inventory. All the men will please advise this office when their last voucher is sent in.

The field men are requested to do what they can to assist Prof. Scribner in securing exhibits for the Congress at Tulsa, Oklahoma. Letters of Authorization have been issued to the men by the Office of the Chief Clerk of the Department.

For the general information of the men connected with the Office of Dry Land Agriculture the following list of men on the scientific staff is given:

Mr. E. C. Chilcott, Agriculturist in Charge
Mr. John S. Cole, Traveling Field Assistant, Denver, Colo.
Mr. W. W. Burr, " " " " "
Mr. O. J. Grace, Assistant in Dry Land Agriculture, Akron, Colo.
Mr. L. N. Jensen, " Akron, Colo.
Mr. C. A. Burmeister, " Amarillo. Tex.
Mr. L. E. Willey " Archer, Wyoming
Mr. F. L. Kelso, Farm Superintendent Ardmore, S. D.
Mr. J. T. Sarvis, Assistant in Dry Land Agriculture, " "
Mr. O. R. Mathews, " Bellefourche, S.D.
Mr. W. D. Griggs, Scientific Assistant Dalhart, Tex.
Mr. C. B. Brown, Assistant in Dry Land Agriculture, " "
Mr. J. C. Thysell, " Dickinson, N.D.
Mr. R. S. Towle, " Edgeley, N.D.
Mr. E. F. Chilcott, " Garden City, Kansas.
Mr. J. G. Lill, " " " "
Mr. A. L. Hallsted " Hays, Kansas.
Mr. H. C. McKinstry, " Hettinger, N. D.
Mr. G. W. Morgan, " ~~Huntley~~, Mont.

Mr. J. M. Stephens,	Farm Superintendent	Judith Basin Farm, Moccasin
Mr. W. M. Osborn,	Assistant in Dry Land Agriculture	North Platte, Neb.
Mr. J. H. Jacobson,	"	~~Scottsbluff~~, Neb. Mitchell
Mr. J. E. Mundell,	"	Tucumcari, N.M.
Mr. W. G. Smith,	"	" "
Mr. A. Ogaard,	"	Williston, N.D.

BUREAU OF PLANT INDUSTRY
OFFICE OF DRY LAND AGRICULTURE

July 14, 1913

WEEKLY NEWS LETTER FOR WEEK ENDING JULY 5, o

Akron

Winter wheat has ripened rapidly and the greater part of it will be cut the coming week. Barley is also about ripe. Oats are turning a little. Corn has made a great growth the past week but is now rolling badly.

Mr. George McMurdo, a graduate of the Colorado Agricultural College, came Tuesday to take charge of the cereal woek. Max. temp for week, 100; min. 53; precip. for week .42 in.

Amarillo

Grain crops have ripened rapidly during the week and harvesting will be in full blast from now on. Cultivated crops have made a very rapid growth, but the corn has rolled badly during the past few days, especially on early spring plowed plats. Max. temp. for week, 97, min. 61, precip. .08 in.

Ardmore

The week has been very hot, dry and windy. All small grain crops are suffering badly, and corn is beginning to suffer to some extent. Sorghums and millets are still making satisfactory growths. A Farmers' picnic will be held on the 14th of July and several thousand visitors are expected.

Bellefourche

The grain plats, after the rain of June 28th, showed a good recovery from the drought although a few of the plats were too badly injured to ever yield much. All of the wheat plats headed out during the week. The wheat is a little later than usual. Winter wheat is beginning to ripen a little and the early oats are beginning to show signs of ripening. Max. temp. for week 87, min. 51, precip. .02 in.

Dalhart

The extremely hot and dry weather which has prevailed during the past two weeks has checked the growth of all cultivated crops. Total precip. for June 1.29 in, as compared with 3.56 in. for the same month a year ago. Max. temp. 101, min. 62. Mr. C. B. Brown reported at the station on the 1st and took up his work there, as Assistant.

Dickinson

All small grains are headed out except a few plats fallowed last year. Wheat is a little in advance of oats and barley. Corn made a good growth during the week. The precipitation for the year is considerably below normal - total for 1913 - 5.39 in. - normal 8.47 in. - inches below normal - 3.08 . Max. temp. for week 83, min. 48.

Edgeley

The week on the whole has been favorable to plant growth, but the straw on all crops will be quite short. All manured plats are showing up quite favorably. Max. temp. for week 86, min. 45, precip. 2.37 in.

Garden City

On July Fourth a rain and hail storm, accompanied by high wind, ruined all the small grains and badly damaged the corn. The rainfall of 4.55 in. was registered in a short time.

Hays

The weather during the week has been very warm and windy. Max. temp. for week 107, min. 60, precip. T.

Hettinger

Continued warm weather has caused all crops to head well and in a few places in the large fields the early oats are beginning to show signs of ripening, but this is not general. Max. temp. for week 85, min. 46, precip. .26 in.

Huntley

Weather conditions have been rather unfavorable. Corn is beginning a rapid growth. Max. temp. for week 88, min. 48, precip. .29 in.

Judith Basin

Although the month has been stormy, all grains have made a rapid and rank growth. There is very little variation with spring crops, due to methods of cultivations, crop rotations, or plowing under of green manures. In fact the sixth continuous crop with spring wheat, oats, barley and flax, on three inch plowing, will yield as much as any of the above crops on fallow or other methods of cultivations. The only variation noted at present is that the growth of straw is more rank on fallow plats than on other plats. The variation in growth of plants on the winter wheat series on methods of cultivation plats is much more marked than on any of the methods of cultivation series. Winter wheat on plat C fallowed, is five inches higher than on C. C. plats and should yield a third more grain.

Mandan

The sash and doors for the first four buildings have arrived and one car of maple flooring.

The status of the work on the buildings is as follows: Barn and machine shed completed except for the putting up the ventilators on the roof. Bunk house - all lathing except that of the ceiling is completed. Mess house - brick work completed, rafters on and roofing started. Office - brick work half ways up the second story. Supt's. residence - the concrete floor of the porch was put on. Other buildings - same as last report. This week the horses were taken out to the new barn at the station, and the barn in town given up. Rainfall for the week one inch. Breaking is being continued. The nursery was cultivated, hoed, and weeded. Trees and vegetables at the station are growing very nicely.

North Platte

The past week has been very hot, dry and windy, and small grains have ripened rapidly. Max. temp. for week 98, min. 66, precip. .34 in.

Scottsbluff

Crops are showing the effect of the hot weather, especially oats on disced and fall plowed plats. Flax is just beginning to flower at a height of 15 in. Max. temp. for week 96, min. 44.

Tucumcari

Much of the week has been warm and dry with clear days with the exception of Sunday. Most of the crops throughout the country are making good growth but rain is needed in some sections. Max. temp. for week 99, min. 57, precip. .84 in.

Williston

All crops have made a wonderful growth since the rains of last week and the yields will undoubtedly be higher than expected earlier. All grains are now headed and harvest will probably come a week or ten days earlier than usual.

General Notes.

In giving the Scientific Staff of the Office of Dry Land Agriculture we inadvertently missed the Mandan Station. The scientific force at that station is as follows:-

W. A. Peterson , Farm Superintendent
Max Pfaender, Assistant and Horticulturist

Office of Grain Investigations
B. P. I.

CEREAL INVESTIGATIONS
JUL 21 1913
RECEIVED

BUREAU OF PLANT INDUSTRY,
OFFICE OF DRY LAND AGRICULTURE Washington, D. C., July 18, 1913.

REPORT FOR WEEK ENDING JULY 12, 1913.

AKRON:

Small grain has ripened rapidly during the week and probably all of it will be harvested by the end of the week. Nearly all of the winter wheat varieties are harvested. They were on summer fallow and did not ripen as rapidly as the winter wheat on the rotations. Yield will probably be much better than was expected two weeks ago. Maximum temperature for the week 101, minimum 46; no precipitation.

AMARILLO:

Small grains are ripening and drying up rapidly while the cultivated crops are suffering. Corn is rolling badly and some of the leaves are fired. The past 9 days have been extremely hot, the maximum temperature ranging from 95 to 100. Mr. J. E. Mundell, of Tucumcari Station, visited the Amarillo Station on the 12th and delivered an address on silos before the Potter County Farmers' Institute.

DALHART:

The weather continues dry but on an average cooler than the previous week. Practically all crops are suffering from drought. Since the first of January the total rainfall to date has been 4.76 inches. This is 5.58 inches less than fell during the same period last year and is the lowest recorded for that period since the station was established. Grass hoppers are doing considerable to the corn but have not yet molested any of the other crops. On some of the corn plats they are so thick that it is not difficult to count as high as 25 on a single stalk.

EDGELEY:

The weather has been quite favorable for the crops during the past week and nearly all the grains are looking well at present. The Superintendents of three of the other substations and Professors Shepperd, Doneghue and Dynes, of the Fargo Station, visited the Edgeley Station Thursday and Friday. Maximum temperature 87, minimum 47, precipitation .68 inches.

GARDEN CITY:

All the corn, cowpeas and bean plats were replanted this week. This planting was a little delayed on account of having to rake and mow the corn plats to get the old stalks out of the way. The storm that struck the station was very local, taking only a path about three-quarters of a mile wide for about 10 miles. The station was about in the center of the storm and received more damage than any of the neighboring farms. Dr. Edwin C. Miller, of the Botanical Department of the Kansas State Agricultural College, has been detailed to the station to make studies in transpiration with some of the more drought resistant plants.

HETTINGER:

The last few days have been very windy and considerable damage has been done in some localities. All grain on the plats except the barley escaped injury but that fired quite badly. Oats are ripening quite generally now and promise to yield a fair crop. Alfalfa and brome were cut but the yield was light. Maximum temperature for the week 98, minimum 52, precipitation 1.01 in.

MANDAN:

The following material has arrived: 2 cars rough lumber. The status of the several buildings is as follows: Barn and Machine Shed: No further progress since last report. Bunk House: Six rooms have been given the first coat of plaster. Mess House: Shingling almost complete and lathing well under way. Office: Bricklaying has been completed. Superintendent's Residence: First floor laid and the brick work was begun. Second Cottage: Concrete floor laid on front and back porch.

Breaking has been continued. The installation of the instruments has been completed. Rainfall for the week about one-third inch. Some hoeing weeding and pruning has been done on the garden patch and the nursery. Prof. Chilcott spent two days at the station this week.

HAYS:

Corn has almost been stripped of foliage by the grass hoppers and the other intertilled crops are suffering seriously from the chinchbugs. Dry weather and hot winds have added to the misery of all the intertilled crops. It looks now as if there is no chance for any of these crops to make a yield, not even of fodder. Maximum temperature for the week 109, minimum 60, precipitation .13.

TUCUMCARI:

All the row crops are doing well and there is sufficient moisture below the first six inches of soil to keep the crop doing well for perhaps two weeks longer without rain. None of the spring wheat is over 3 or 4 inches in height and from present indications what the jack rabbits do not get will be burned up. Maximum temperature for the week 99, minimum 66, precipitation 0.

WILLISTON:

The latter half of the week has been very breezy and quite cool. All the plats are recovering rapidly. On a trip taken northwest of the station this week some interesting things were noted. One farmer had a strip that had been mowed and raked before plowing last fall. This strip greatly surpassed the unmowed. Mr. Ogaard, the Assistant at the station, states that the only explanation he can think of is that the great amount of raking that the farmer did formed a mulch which conserved the moisture that fell before plowing. Farmers practicing live stock farming were much more prosperous than those receiving their income entirely from grain. More corn and alfalfa will be grown in this neighborhood in the future as the association is stirring up considerable interest in that line.

SCOTTSBLUFF:

Crops on fallowed and green manured plats and corn are still looking good, but all the others are in very poor condition. Corn is nearly all tasseled and flax is in full bloom. Maximum temperature 97, minimum 41.

HUNTLEY:

Quite a number of blasted heads have appeared in the spring wheat during the past few days, the percentage being larger on those plats that have suffered most for lack of moisture. In some cases the entire plant is dying while in others the head is blasted and dead and the lower part of the stalk apparently normal. Corn on spring plowing is uniformly inferior to that on fall plowing and fallow. The week has been the warmest of the season. Maximum temperature 98, minimum 45, precipitation .44 in.

NORTH PLATTE:

The past week has been marked by hot weather and local thunder storms accompanied with hail, wind and some precipitation. Corn presents a very tattered appearance and is being badly damaged by grass hoppers. The hoppers will probably destroy the corn beyond recovery. Practically all oat plats were cut on July 9. Dry weather and grass hoppers made it impossible to get even a straw weight with but few exceptions. Winter wheat is badly shriveled and spring wheat will make but very little. The remainder of the winter wheat was cut this week and all the spring wheat plats except those on fallow. Maximum temperature 102, minimum 51, precipitation 1.43.

BELLEFOURCHE:

The past week contained some of the hottest as well as coolest days of the summer. Hot weather during the early part of the week hastened the ripening of the winter wheat and started the oats, while cooler weather during the latter part of the week checked the ripening of the oats. While the soil in all of the grain plats is very dry, there is no danger of a total failure. A rain however would cause them to fill much better. Corn is still growing rapidly and a few tassels are appearing. The corn of fall plowing as a rule is farther advanced than that on spring plowing. Maximum temperature for week 101, minimum 48, precipitation .06.

NOTE:

The meeting of the Great Plains Cooperative Experiment Association will be held at Scottsbluff, Neb., under dates of August 19, 20 and 21.

Please note that through an error it was stated that the field meeting of the Great Plains Cooperative Experiment Association was to be held at Scottsbluff, Neb., on August 19, 20, and 21 - this should have stated North Platte, Neb., - same dates.

CEREAL INVESTIGATIONS
☆ JU[illegible] 1913 ☆
RECEIVED

BUREAU OF PLANT INDUSTRY
OFFICE OF DRY LAND AGRICULTURE

Washington, D. C.,
July 25, 1913

REPORT FOR WEEK ENDING JULY 19, 1913.

Akron: During the week the remainder of the winter wheat varieties, the oats on the rotations, and a part of the oats and barley varieties were harvested. About half of the spring wheat plats on the rotations were harvested with the mower. Wednesday and Thursday the winter wheat and barley plats on the rotations were threshed. The highest yield of winter wheat was 15 bu. from Rot. 20; the second highest yield of winter wheat was 12.8 bu. from Rot. 97. The highest yield of barley was 16.3 bu. from MC D, and the second highest was 15.6 bu. from Rot. 51. Thursday evening there was a local shower with a precipitation of 1.08 in., the first good rain since the middle of May. Mr. H. P. Gould visited the station on Saturday. Precip. for week 1.14 in., max. temp. 103, min. 53.

Amarillo: Harvesting of small grains was completed this week. The hot, dry weather accompanied by steady winds continues and all cultivated crops, with the exception of those on summer tilled land, are suffering. No rain this month and only one shower of .08 in. since June 20th. Max. temp. 102, min. 62. Mr. Carne, of the Agricultural Dept. of Australia, visited the station this week.

Ardmore: The Farmers' Picnic, held on July 14th, was a complete success. About one thousand visitors from the vicinity of Ardmore and nearby towns were present. The crops were poor but were considerably better than any other crops in this section. Prof. Chilcott, Mr. Cole, and Mr. Burr were visitors on the 14th. Winter wheat and part of the oat plats were harvested this week. Almost all of the small grain plats which were not summer fallowed last year will be failures. Max. tem. for week, 102, min. 50, precip. .56 in. Mr. Oakland, of the Brookings Agricultural College visited the station this week.

Bellefourche: The weather during the week has been warm and most of the oats and barley plats ripened and were harvested. No rain for three weeks and this has kept the grain from filling well. The fallow platx of winter wheat is the best plat of grain on the rotations. It was harvested on the 16th. Mr. Burr visited the station on the 15th. Max. temp. for week 96, min. 54, precip. 0

Dalhart: There has been no change in the weather during the past week and crops are suffering badly. Four plats of oats and six of wheat were harvested but the yield will probably not exceed a few pounds per plat. Milo on the fallow plats is heading. Max. temp. 105, min. 66.

Edgeley: The weather had been quite cool during the past week and on the whole favorable for the small grains although it is somewhat dry again now. All of the barley in the rotations is now headed and the corn is beginning to tassel.

The fallow plats were plowed and harrowed during the week. Winter rye in the vicinitywas harvested last week and although the straw is quite short a fair yield may be expected. Max. temp. for week, 82, min. 47, precip. .05 in.

Garden City: The weather during the week has been very warm, max. temp. 110.5 min. 60, precipitation .02 in. All the crops that were replanted are coming up nicely although rather slowly on account of lack of moisture. The jackrabbits are taking the corn about as fast as it comes through the ground but they are not bothering the peas and beans. Grashoppers are presenting a very serious problem to the farmers in this locality. There is no food for the hoppers on the hills and they are moving down to the beet and alfalfa fields in the bottoms. A representative of the State University is organizing a fight against the hoppers among the local farmers. The county commissioners are to furnish the poisoned bran mash to all the farmers who will use it and it is hoped that by having the bran spread over all the fields in the county that the damage will be reduced to a minimum. On the station they were easily controlled by spreading the poisoned bran.

Hays: The weather for the past week has been very hot and dry and windy, max. temp. for week 107 to 111, and high and hot winds accompanied the temperature. Precip. .31 in. Corn was harvested on the 15th.

Hettinger: The entire week was spent in taking soil samples and hoeing weeds from the corn plats. The thistles are very nad this year but in general the grain is not so weedy as it was last year. Precip. for week 1.41 in. and crops are still doing well. Oats are ripening rapidly and corn is tasseling. Max. temp. for week 84, min. 49.

Huntley: The week has been clear and warm with no precipitation. Frost did considerable damage to grain crops in some of the mountain valleys last week. The precipitation which is below normal to date has been well distributed, but limited enough to give striking contrasts in small grains. Oats and barley were harvested during the week. Max. temp. 90, min. 45, no precip.

Mandan: Material arrived as follows: 2 carloads of lumber, 1 carload of plumbing material. Status of buildings: Barn and machine shed: The ventilators have arrived and are being installed on the roof. Bunkhouse: Plastering has been completed and some preliminary plumbing and electric wiring has been done. Mess house: The second story has been plastered, the first story lathed and the concrete floor laid in the basement, also preliminary electric wiring. Office: The roof is on and shingling has been started. Supt's. residence: The brickwork is half ways up the first story. Two cottages: The floors have been laid. The windbreak and garden have been cultivated. An old field containing about 4 acres is being plowed to kill the weeds and it will then be kept fallow the rest of the season. Several teams have been kept busy making hay. Rainfall for the week about one inch.

Scottsbluff: The latter part of the week has been rainy with lower temperature, but it came too late to be of benefit to the small grains, which are almost ready to harvest; Part of the winter wheat has already been cut. The Farmers' Pic ic will be held on the 22nd. Max. temp. for week 96, min. 54, precip .92 in.

Lodgepole: The week has been dry and warm with no precipitation. The wheat and oats in the rotation plats were so badly pastured by the rabbits and injured by the drought that no crop will be realized this season. Some of the early dwarf milo, dwarf broomcorn and white amber sorghum are beginning to head out. The millet plats are beginning to suffer from dry weather but all the row crops are still doing well and the soil samples indicate that the soil contains sufficient moisture to keep the crops growing for some time. Max. temp. for week 105, min. 64.

Williston: Supt. Schollander returned to the station from a state trip on Saturday. He reports that crops here look good if not better than anywhere in the state. Taking the state as a whole a half crop is expected, but at the station indications point to 60 to 75% normal. Max. temp. for week 85, min. 47, precip. .48 in.

General Notes: The meeting of the Great Plains Cooperative Experiment Association will be held at North Platte on August 19, 20 and 21.

Resignations: In sending in notices of resignations of laborers, etc., with request that appointment be terminated, please note that a written resignation from the man is required. In requesting that a laborer, skilled or unskilled, be promoted, please be sure to give reason for such promotion. Letterheads: We often receive requests from the field men for letterheads, stating that they are all out. Please note that it requires about three weeks to get these through the Government Printing Office - so order ahead of time if you can.

The Assistant Chief of the Bureau has requested a statement made up by each office showing location of field stations, etc. In order to give him the information he desires the field men are requested to send in at once the following information:

Horses and mules on stations owned by the cooperative agency - not Dept.
Vehicles do.
Farm implements do. (approximately) Just the machinery.
Fences (No of rods and kind of fence)
Number of men and classification of same - outside of Dept.

Please get this information in as soon as possible. Also if there are any outstanding vouchers for last fiscal year, please send them in so we can get the inventory made out and sent in.